

The Thirty-Fourth Course of
Lane Medical Lectures

Professor Theodosius Dobzhansky

The Rockefeller Institute
New York City

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October 11, 13, 15, 1965
4:30 p.m., Room M106
Stanford University School of Medicine, Palo Alto, Calif.

Dobzhansky

PROFESSOR THEODOSIUS DOBZHANSKY of the Rockefeller Institute is noted for his many contributions in the field of genetics and evolution.

He was born in Russia and came to the United States in 1927, after having served as a lecturer in genetics at the University of Leningrad. He was a Fellow, with Professor T. H. Morgan, of the International Education Board of the Rockefeller Foundation from 1927 to 1929, assistant professor of genetics at the California Institute of Technology from 1929 to 1936, and professor of genetics from 1936 to 1940 when he was appointed Da-Costa professor of zoology at Columbia University. Professor Dobzhansky currently serves as adjunct professor of zoology at Columbia in addition to his responsibilities at the Rockefeller Institute.

His books include *Genetics and the Origin of Species* and *Mankind Evolving*. The latter publication was based on the Silliman Lectures which he delivered at Yale University in 1959, in honor of the Centennial of Charles Darwin's *On the Origin of Species*.

In *Mankind Evolving*, Professor Dobzhansky expressed the view that "evolution need no longer be a destiny imposed from without; it may conceivably be controlled by man, in accordance with his wisdom and values."

Professor Dobzhansky's scientific career is replete with honors. Only this year, on the other side of the Atlantic, he received the degree of Doctor Scientiarum Agronomiarum, Honoris Causa, from the University of Louvain, and in this country he was among eleven recipients of the National Medal of Science, awarded by President Johnson at the White House.

His professional affiliations are numerous. He has long been a member of the Genetics Society of America of which he is a past president. He has also been president of the American Society of Naturalists, the Society for the Study of Evolution, and the American Society of Zoologists. He is a member of the National Academy of Sciences, Royal Swedish Academy of Sciences, Royal Danish Academy of Sciences, and other distinguished societies in Brazil, Germany, and Italy.

Professor Theodosius Dobzhansky will give three lectures on the general subject of "THE GENETIC LOAD."

THE LANE MEDICAL LECTURES, founded in 1896, by Dr. Levi Cooper Lane, are given biennially on medical subjects and are open to the medical profession, students, teachers, and research workers in medicine and allied sciences. The lectures have been given by scientific men of outstanding achievement, selected from many parts of the world.

Previous Lane Lecturers have been as follows:

- 1896 SIR WILLIAM MACEWEN, *Regius Professor of Surgery*, University of Glasgow, Scotland.
- 1897 DR. CHRISTOPHER HEATH, *Professor of Clinical Surgery*, University College, London, England.
- 1898 SIR THOMAS CLIFFORD ALLBUTT, *Regius Professor of Physic*, University of Cambridge, England.
- 1899 DR. NICHOLAS SENN, *Professor of Surgery*, Rush Medical College, Chicago, Illinois.
- 1900 SIR MICHAEL FOSTER, *Professor of Physiology*, Cambridge, England.
- 1901 SIR MALCOLM MORRIS, *Surgeon to the Skin Department*, St. Mary's Hospital, London.
- 1902 SIR CHARLES B. BALL, *Regius Professor of Surgery*, University of Dublin, Ireland.
- 1903 DR. OSCAR H. ALLIS, Philadelphia, Pennsylvania.

- 1904 DR. WILLIAM H. WELCH, *Professor of Pathology*, Johns Hopkins University, Baltimore, Maryland.
- 1905 SIR PATRICK MANSON, London, England.
- 1906 DR. JOHN C. McVAIL, Cambridge, England.
- 1910 DR. REGINALD HEBER FITZ, *Hersey Professor of the Theory and Practice of Medicine*, Harvard University, Boston, Massachusetts.
- 1911 DR. ERNEST FUCHS, *Professor of Ophthalmology*, University of Vienna, Vienna, Austria.
- 1913 SIR EDWARD ALBERT SCHAEFER, *Professor of Physiology*, University of Edinburgh, Edinburgh, Scotland.
- 1915 DR. FRANK BILLINGS, *Professor of Medicine*, Rush Medical College, Chicago, Illinois.
- 1917 DR. SIMON FLEXNER, *Director of Laboratories of the Rockefeller Institute for Medical Research*, New York, New York.
- 1919 DR. ALONZO ENGLEBERT TAYLOR, *Professor of Physiological Chemistry*, University of Pennsylvania, Philadelphia, Pennsylvania.
- 1921 DR. EMMETT HOLT, *Professor of Diseases of Children*, Columbia University, New York, New York.
- 1924 DR. LUDWIG ASCHOFF, *Professor of Pathology and Pathological Anatomy*, University of Freiburg, Freiburg, Germany.
- 1925 DR. VITTORIO PUTTI, *Professor of Orthopedic Surgery*, University of Bologna, Director, Rizzoli Institute of Bologna, Bologna, Italy.
- 1928 DR. F. D'HERELLE, *Professor of Bacteriology*, Yale University, New Haven, Connecticut.
- 1929 DR. WALTHER STRAUB, *Professor of Pharmacology*, University of Munich, Munich, Germany.
- 1930 DR. CHARLES R. STOCKARD, *Professor of Anatomy*, Cornell University Medical College, New York, New York.
- 1933 DR. J. C. DRUMMOND, *Professor of Biochemistry*, University College, University of London, London, England.
- 1935 DR. G. V. ANREP, *Professor of Physiology*, Egyptian University, Cairo, Egypt.
- 1937 DR. EUGENE F. DUBOIS, *Professor of Medicine*, Cornell University Medical College, New York, New York.
- 1939 DR. THOMAS N. RIVERS, *Director*, Hospital of the the Rockefeller Institute for Medical Research, New York, New York.
- 1941 DR. CECIL KENT DRINKER, *Professor of Physiology and Dean of the School of Public Health*, Harvard University, Boston, Massachusetts.
- 1947 DR. WILDER G. PENFIELD, *Professor of Neurology and Neurosurgery*, McGill University, and Director of the Montreal Neurological Institute, Montreal, Quebec, Canada.
- 1949 DR. JAMES L. GAMBLE, *Professor of Pediatrics and Chairman of the Department of Pediatrics*, Harvard Medical School, Boston, Massachusetts.
- 1951 DR. KAJ ULRIK LINDERSTRØM-LANG, *Director of the Calsberg Laboratory*, Copenhagen, Denmark.
- 1954 DR. CLARENCE COOK LITTLE, *Director*, Roscoe B. Jackson Memorial Laboratory, Bar Harbor, Maine.
- 1956 SIR CHARLES DODDS, *Courtauld Professor of Biochemistry*, The Middlesex Hospital Medical School, London, England.